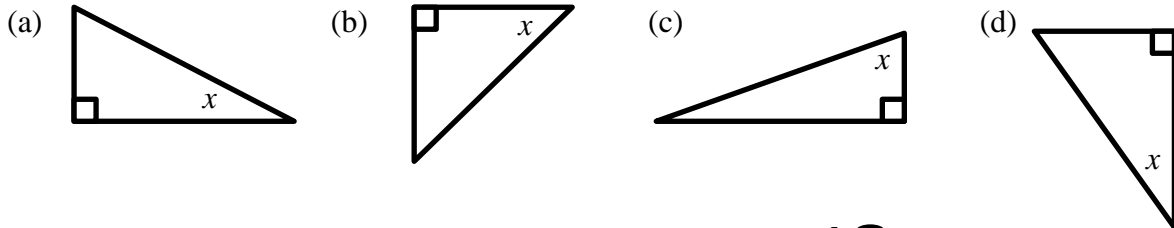


National 4 Homework 29

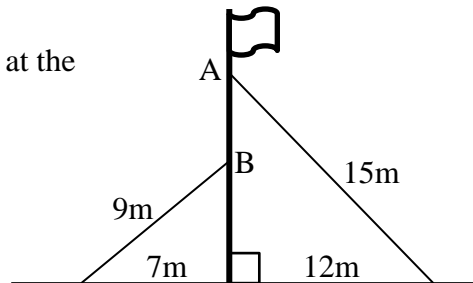
Questions 1, 4 and 6 are Non Calculator

1. Calculate (a) 60% of £874 (b) $35 \div 500$ (c) $36.2 - 19.58 + 28.74$

2. Calculate the size of the angles marked x .



3. A flagpole is supported by two wires attached at the points A and B as shown.
Calculate the distance between A and B.



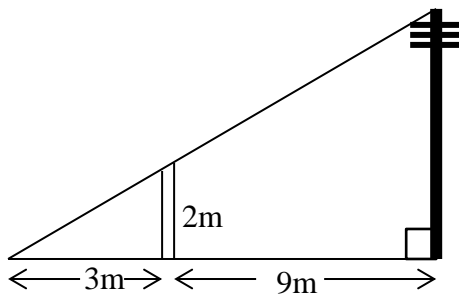
4. (a) Copy and complete the table below for $y = 4x - 1$.

x	-2	0	2
y			

- (b) Using the answers in the table above and a ruler, draw the line $y = 4x - 1$ on coordinate diagram in your jotter.

- (c) Write down the gradient of the line you have drawn.

5.



The diagram shows a telegraph pole and a 2m post.
The post is 9m from the pole.
Using the information given in the diagram, find the height of the telegraph pole.

6. ABCD is a kite.
Angle BAC = 52°
Angle CDB = 38°

Calculate the size of angle BCD.

